

I hereby certify that this correspondence is being deposited with the United Postal Service with sufficient postage as overnight delivery, in an envelope addressed to: 2900 Crystal Drive, room 7A32B, Arlington, Virginia, 22202, on the date shown below.

Dated: April 4, 2005 Signature: 

(Rebecca McElroy)

Docket No.: 312762003800
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Ping JIANG et al.

Group Art Unit: 1636

Examiner: J. Ketter

Application No.: 10/643,785

Confirmation No. 4106

Filed: August 18, 2003

For: REAL TIME MEASUREMENT OF
CELLULAR RESPONSES

TRANSMITTAL OF DRAWING CORRECTION

Attn: Patricia Small
Commissioner for Patents
2900 Crystal Drive, Room 7A32B
Arlington, Virginia 22202

Dear Sir:

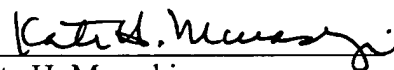
Submitted herewith is one set (thirteen sheets, eleven figures) of corrected drawings for filing in the above-identified Patent application.

The drawings were objected to for lack of clarity and have been corrected in accordance with 37 CFR 1.84(l) and 37 CFR 1.84(m). The enclosed new drawings correct these informalities.

Favorable consideration of the enclosed drawings is respectfully requested.

Dated: April 4, 2005

Respectfully submitted,

By 
Kate H. Murashige

Registration No.: 29,959
MORRISON & FOERSTER LLP
3811 Valley Centre Drive, Suite 500
San Diego, California 92130
Telephone: (858) 720-5112
Facsimile: (858) 720-5125

Figure 1

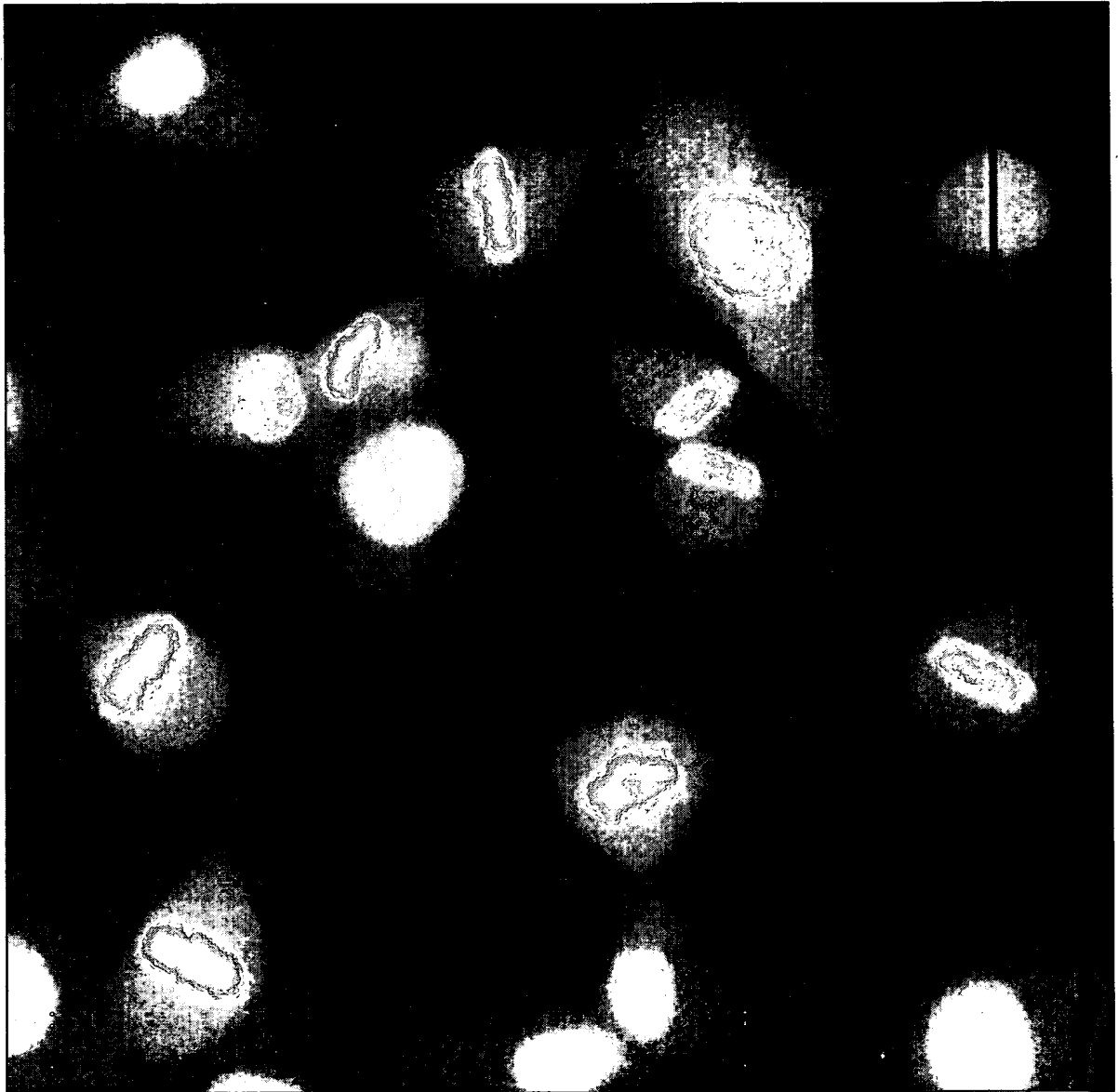


Figure 2

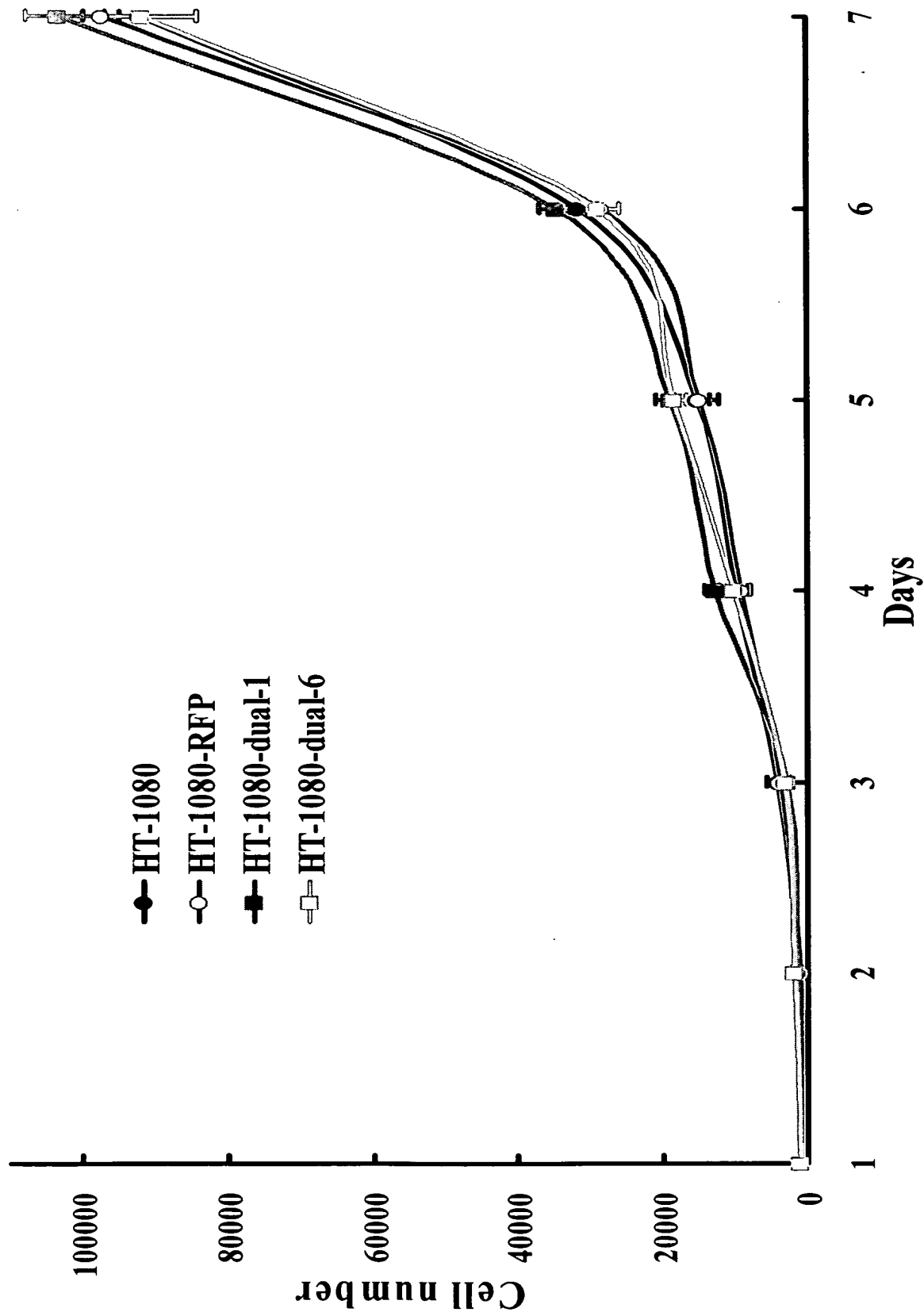


Figure 3A

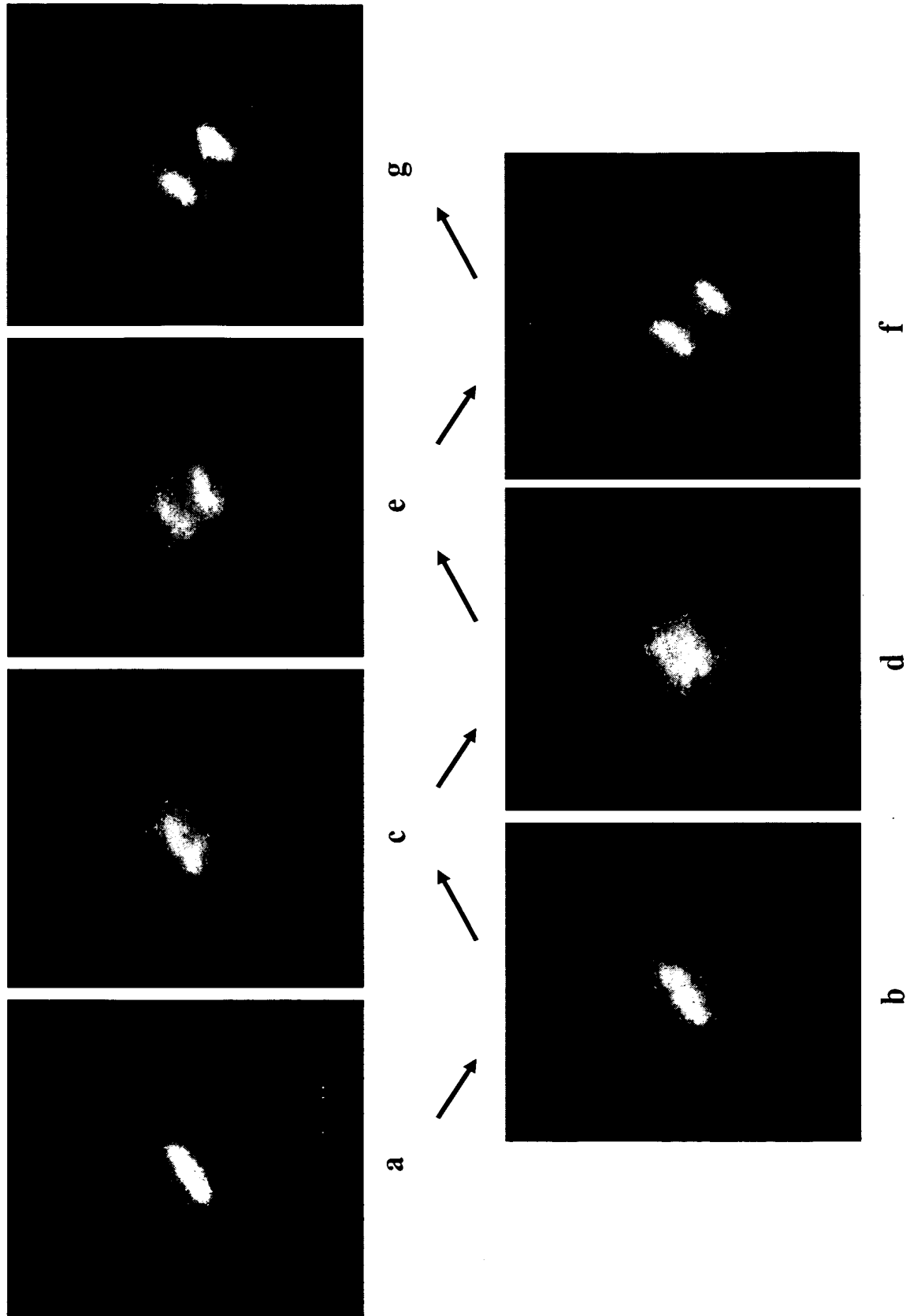


Figure 3B

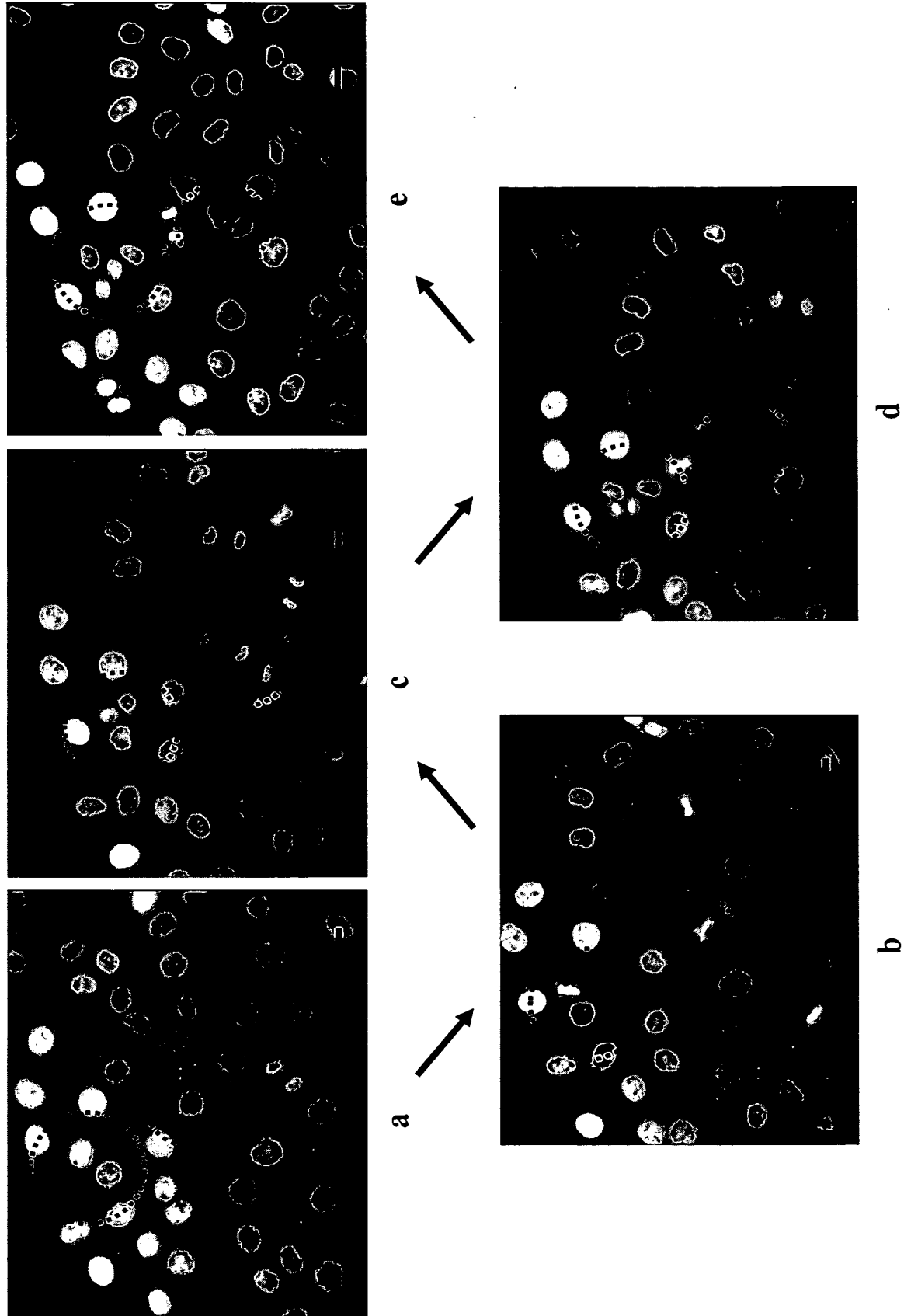


Figure 4A

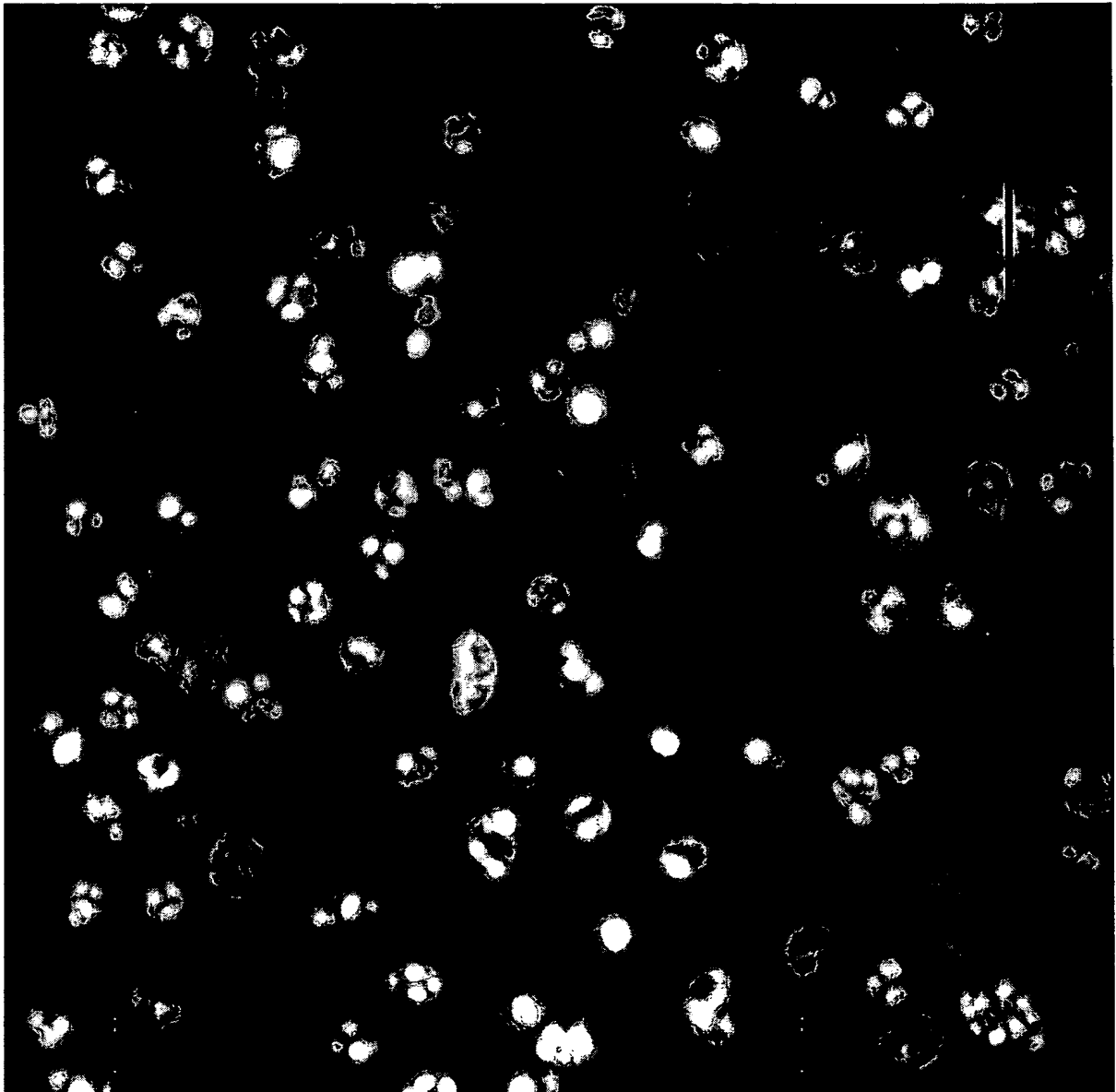


Figure 4B

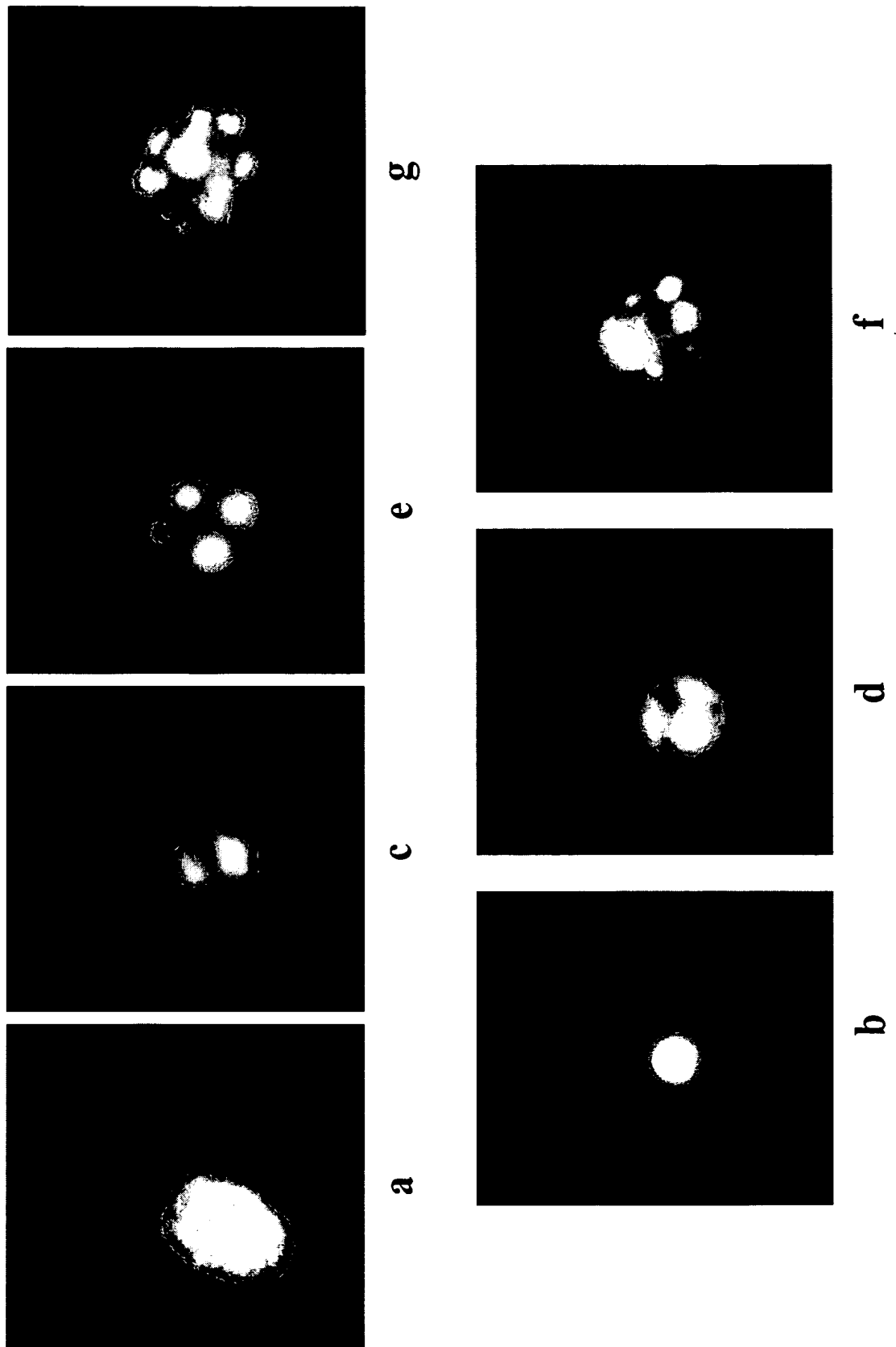
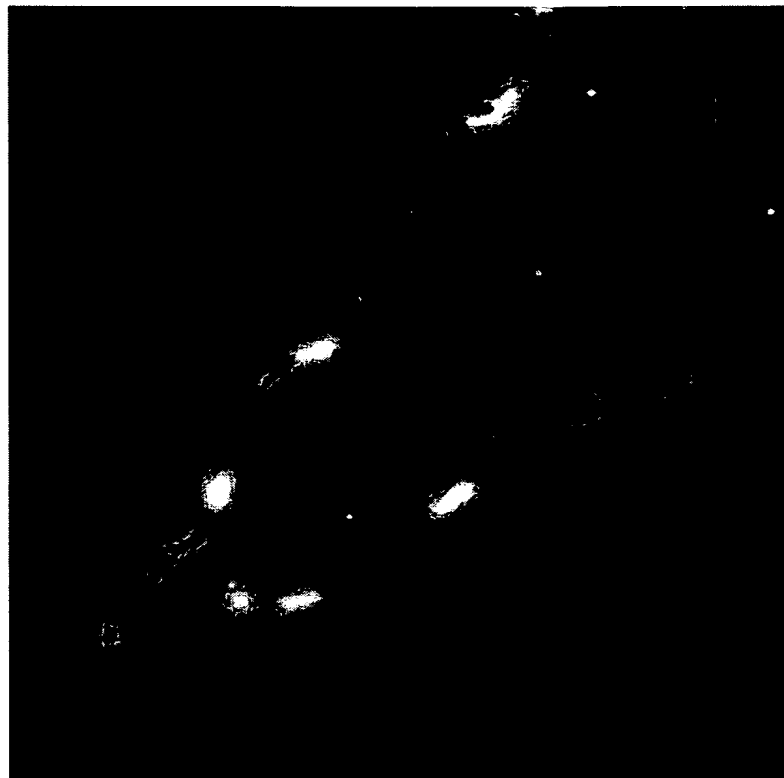
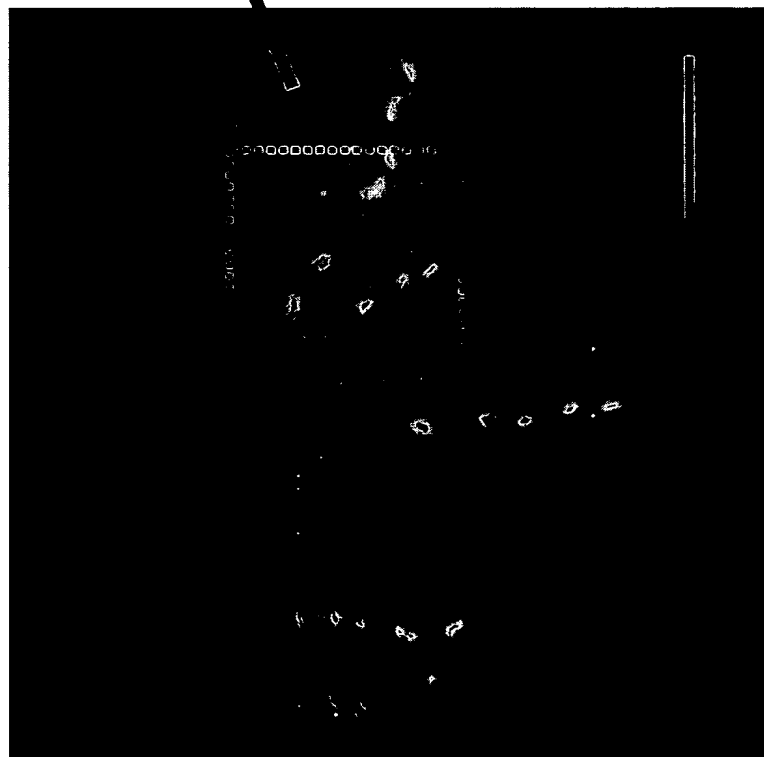


Figure 5

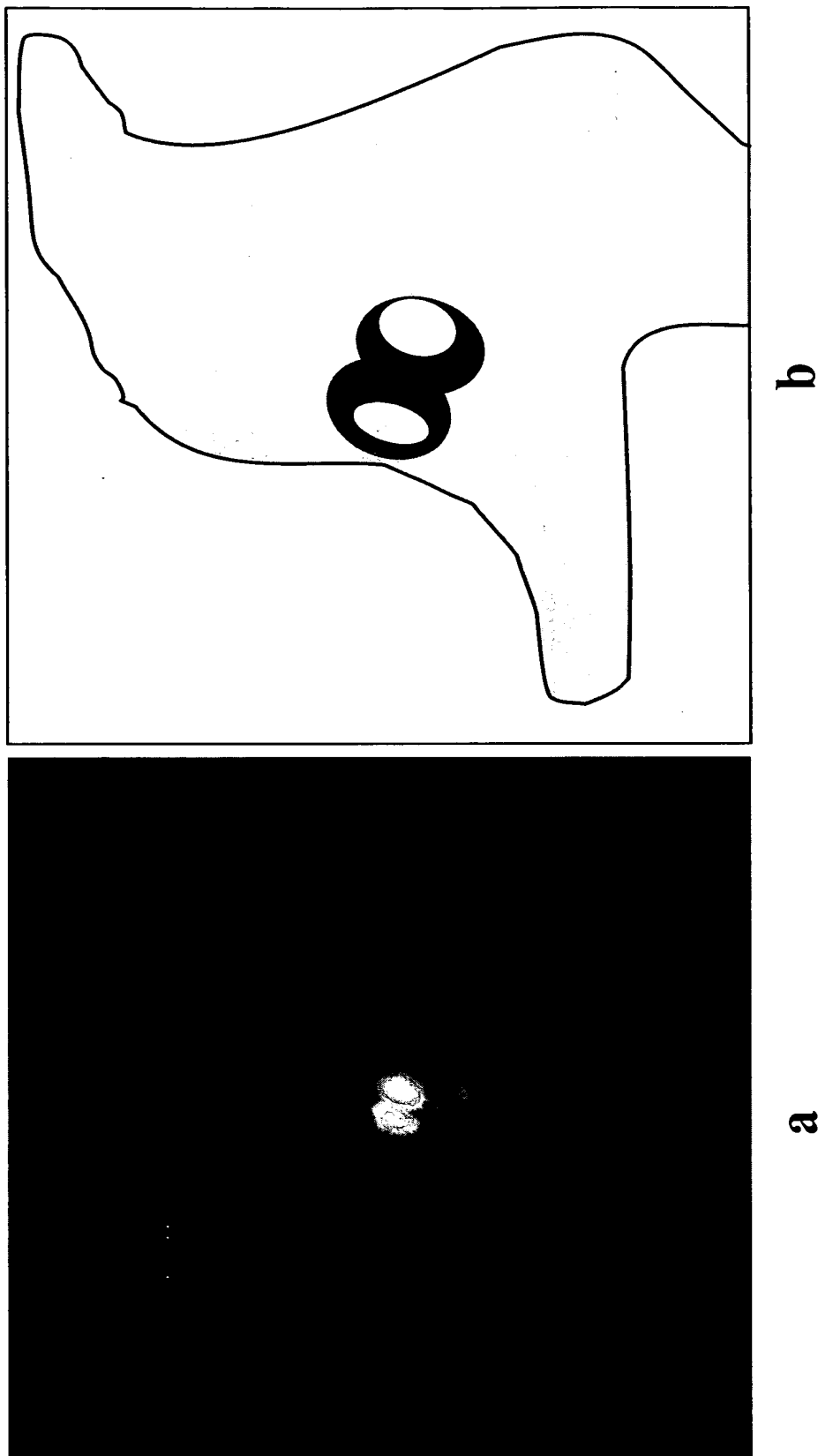


b



a

Figure 6



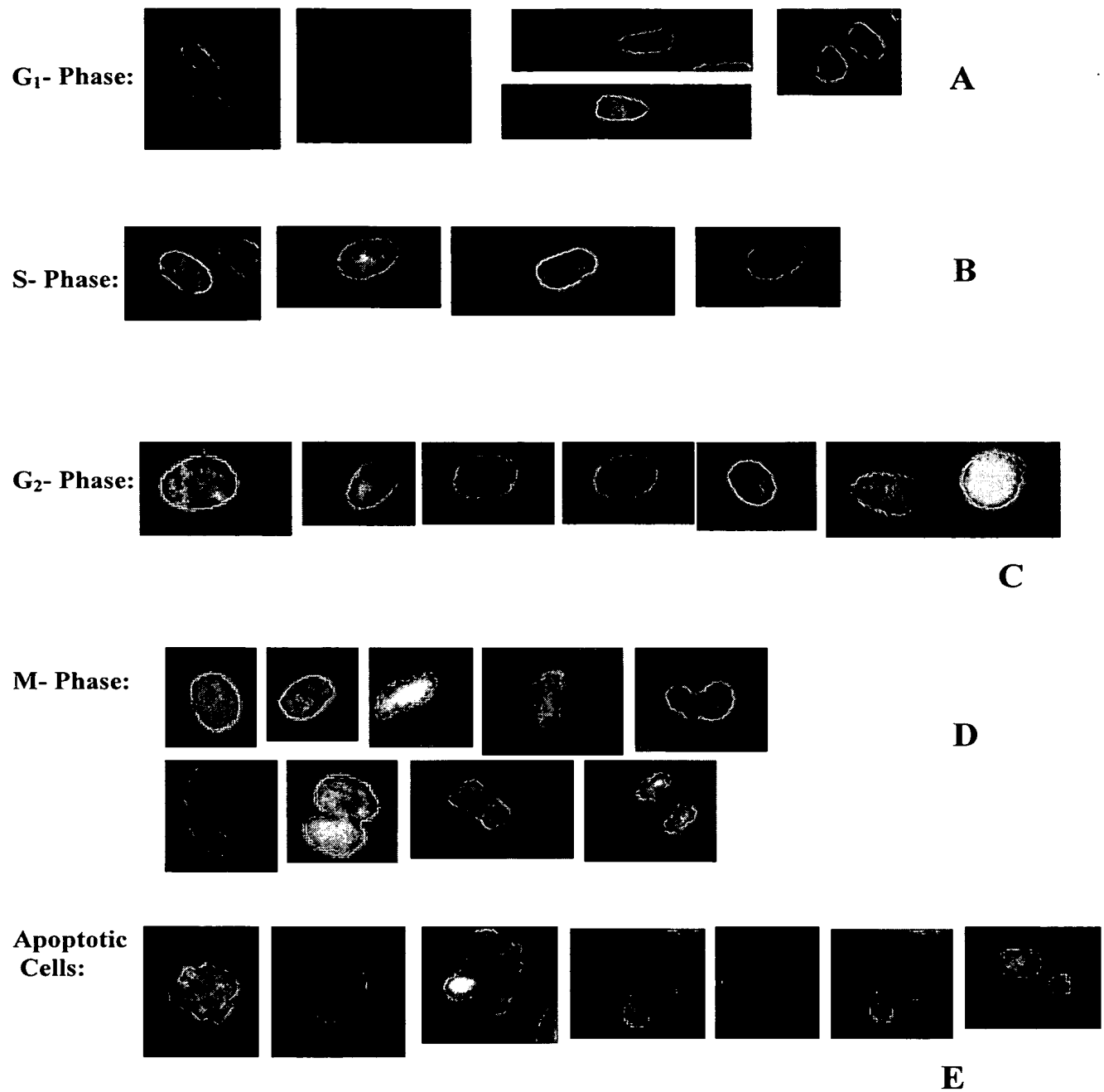
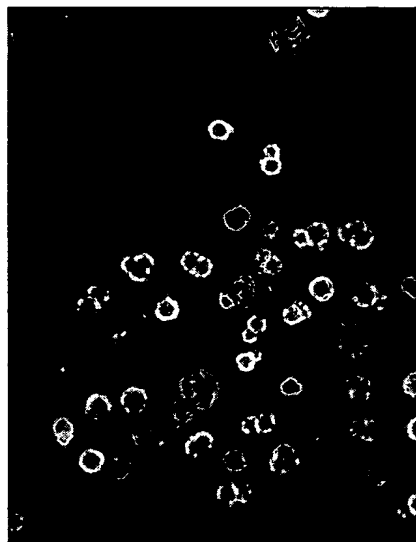


Figure 7

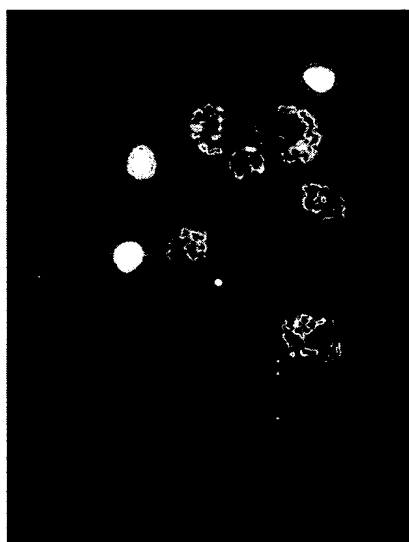
PC-3 Dual Cells were treated by Taxol (0.8 μ g/ml)
Figure 8



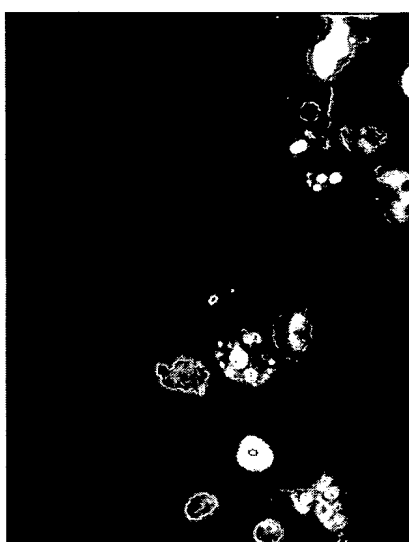
T0 (Magnification:200x)



T24 (Magnification:200x)



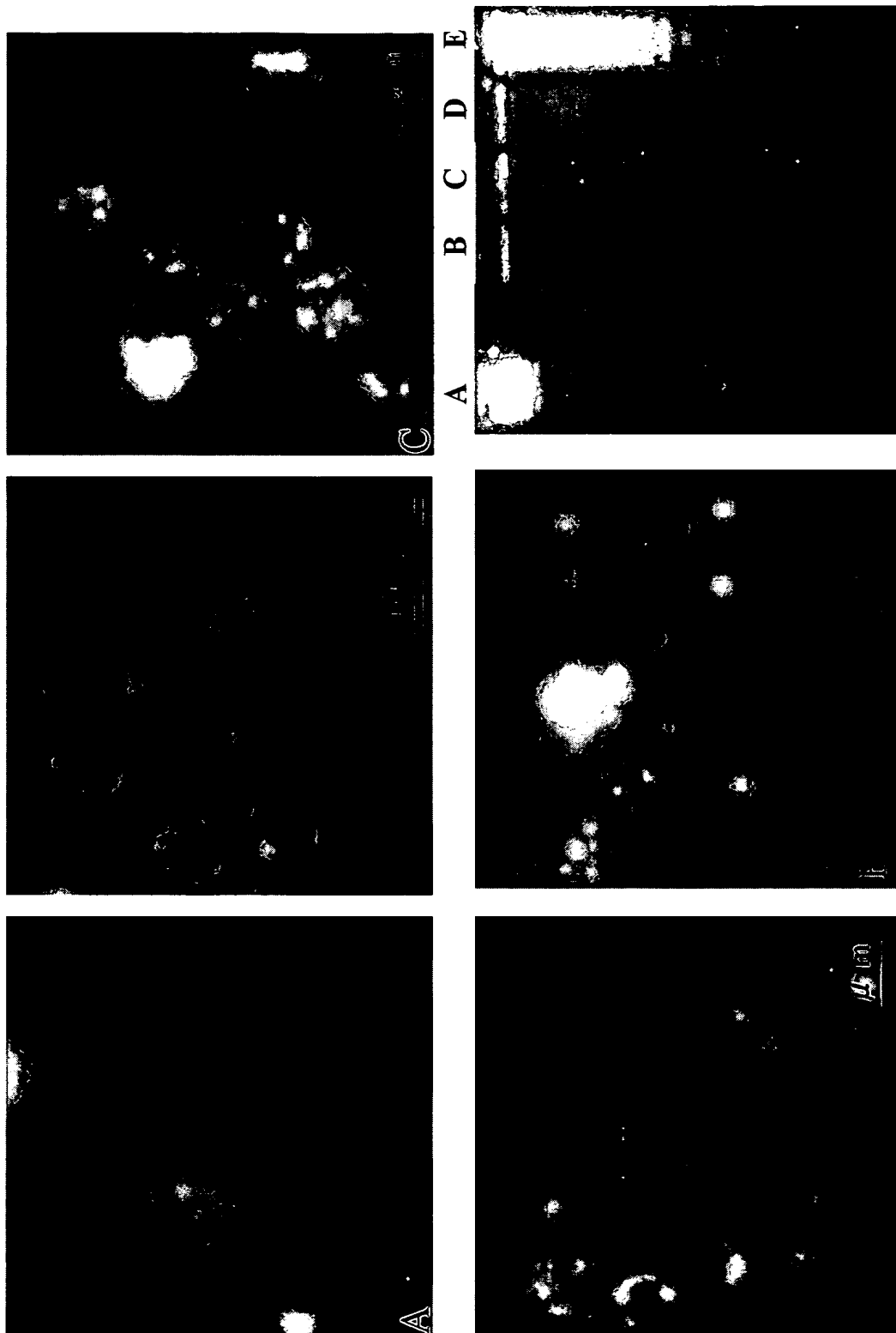
T48 (Magnification:200x)



T96 (Magnification:200x)

Figure 9

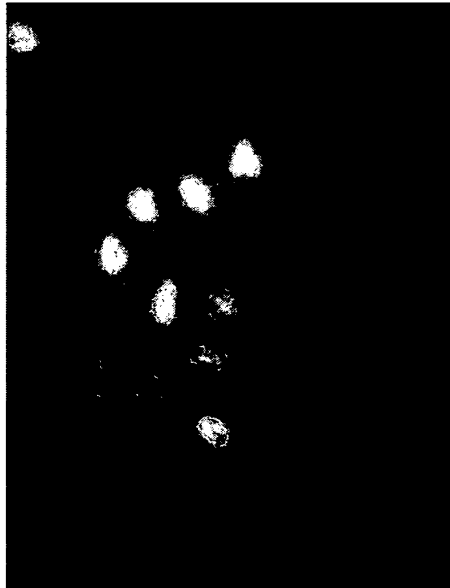
Visualizing taxol induced apoptotic cells in vitro in real time



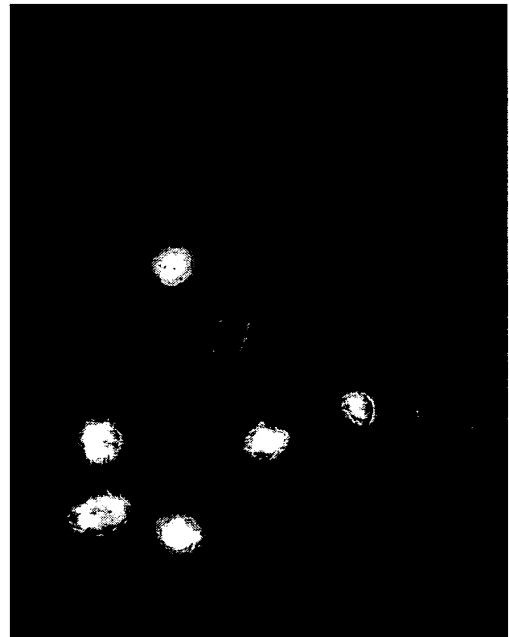
*Real-time apoptoses were observed under fluorescence microscopy and verified by DNA ladder analysis when PC-3-
dual cells were incubated with 0.8 μ g Taxol. (A) control; (B) 12 hours after treatment; (C) 24 hours after
treatment; (D) 36 hours after treatment; (E) 48 hours after treatment.*

Figure 10

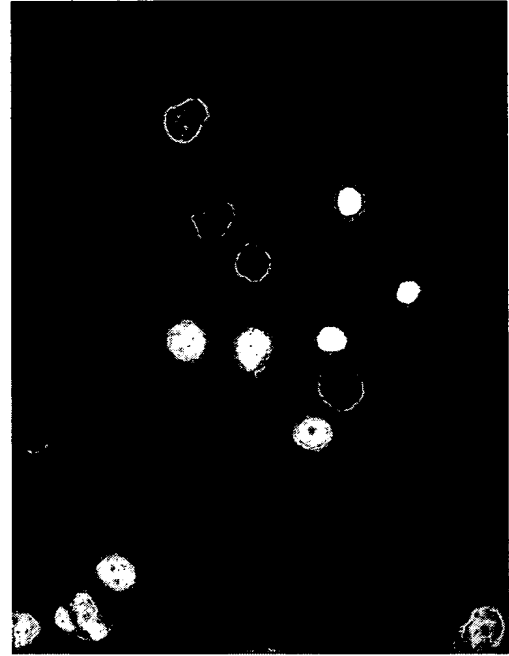
PC-3 Dual Cells were treated by Vinblastin (62 μ g/ml)



T0 (Magnification:200x)



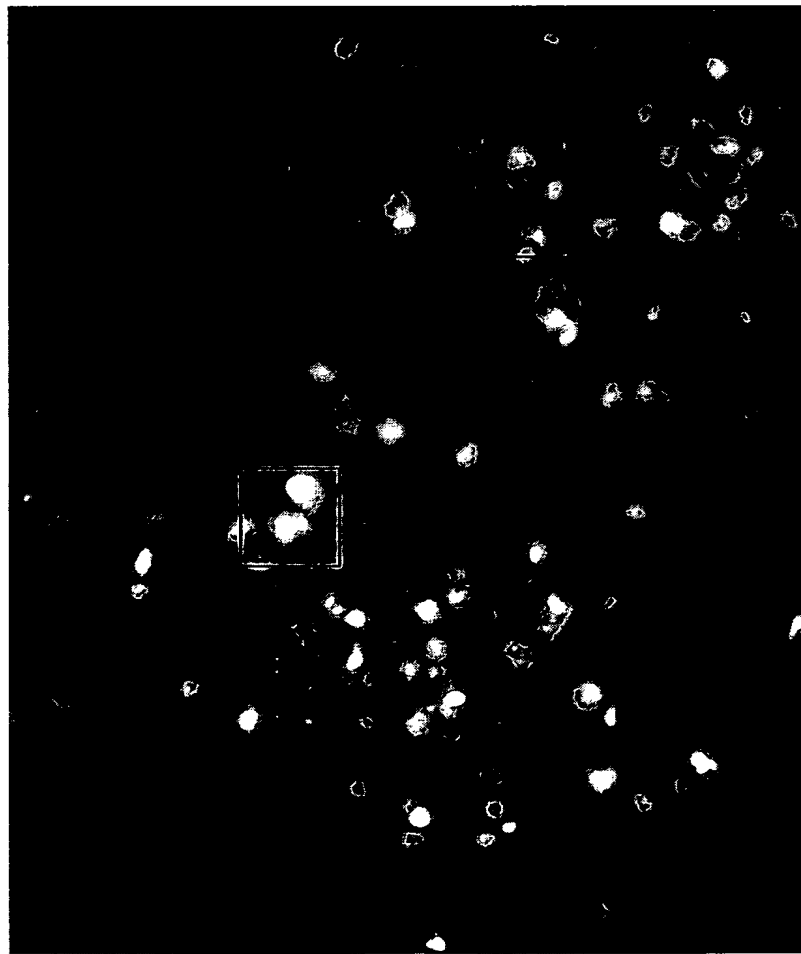
T48 (Magnification:200x)



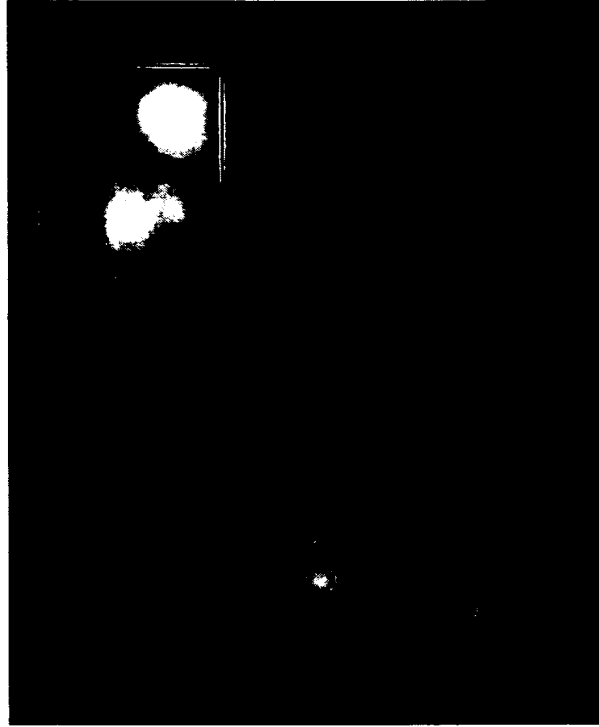
T96 (Magnification:200x)

Figure 11

Visualizing apoptotic cancer cells in vivo



100x



200x

PC-3 Dual colored human prostate cancer cells were injected in the foot pad of nude mice. The mice were sacrificed after 20 days. Apoptotic PC-3 dual colored cell was observed in the lymph node under fluorescence microscopy